UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

25297

7590

04/21/2006

JENKINS, WILSON, TAYLOR & HUNT, P. A. 3100 TOWER BLVD SUITE 1200 DURHAM. NC 27707

EXA	EXAMINER				
CHANG	G, JOSEPH				
ART UNIT	PAPER NUMBER				
2817					

DATE MAILED: 04/21/2006

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/763,533	01/23/2004	Christoph Braun	1406/181	9234

TITLE OF INVENTION: DEVICE AND METHOD FOR DIGITAL PULSE WIDTH MODULATION

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	07/21/2006

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (571)-273-2885

appropriate. All further corr	respondence including the elow or directed otherwise	Patent, advance or	ders and not	PUBLICATION FEE (if req ification of maintenance fees a new correspondence addres	will be mailed to the curren	t correspondence address as
CURRENT CORRESPONDENCE	E ADDRESS (Note: Use Block 1 for	any change of address)		Note: A certificate o Fee(s) Transmittal. T papers. Each addition have its own certifica	f mailing can only be used this certificate cannot be used all paper, such as an assignmente of mailing or transmission.	or domestic mailings of the for any other accompanying ent or formal drawing, must
JENKINS, WILS JENKINS, WILS 3100 TOWER BLV SUITE 1200 DURHAM, NC 27	ON, TAYLOR & HI	UNT, P. A.		C	ertificate of Mailing or Tran this Fee(s) Transmittal is beir with sufficient postage for fi ail Stop ISSUE FEE address PTO (571) 273-2885, on the	smission
DORHAM, NC 27	707					(Depositor's name)
				<u> </u>		(Signature)
						(Date)
APPLICATION NO.	FILING DATE		FIRST NAME	D INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/763,533 TITLE OF INVENTION: DI	01/23/2004 EVICE AND METHOD FO	R DIGITAL PULS	-	oh Braun MODULATION	1406/181	9234
APPLN. TYPE	SMALL ENTITY	ISSUE FE	EE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400)	\$300	\$1700	07/21/2006
EXAM	INER	ART UN	IT	CLASS-SUBCLASS	7	
CHANG,	JOSEPH	2817		332-109000	_	
"Fee Address" indicati	ence address (or Change of 2) attached. on (or "Fee Address" Indica r more recent) attached. Use	Correspondence	(1) the nation or agents (2) the national registered 2 registered listed, no registered.	nting on the patent front page, mes of up to 3 registered pate OR, alternatively, me of a single firm (having as attorney or agent) and the nated patent attorneys or agents. In name will be printed.	a member a 2 mes of up to	
	an assignee is identified be 37 CFR 3.11. Completion of EE	elow, no assignee of this form is NOT	data will app	ear on the patent. If an assig for filing an assignment. NCE: (CITY and STATE OR		
Advance Order - # of	nall entity discount permitte Copies	d)	☐ Payment	Fee(s): in the amount of the fee(s) is e by credit card. Form PTO-203 ctor is hereby authorized by ch Account Number	38 is attached.	edit any overpayment, to ra copy of this form).
	MALL ENTITY status. See :	37 CFR 1.27.	b. Applic	ant is no longer claiming SMA	ALL ENTITY status. See 37 (FR 1.27(g)(2).
The Director of the USPTO i NOTE: The Issue Fee and Pu interest as shown by the reco	s requested to apply the Issu ablication Fee (if required) v rds of the United States Pate	re Fee and Publicat will not be accepted ant and Trademark	ion Fee (if an I from anyone Office.	ny) or to re-apply any previouse other than the applicant; a re	sly paid issue fee to the applic gistered attorney or agent; or t	ation identified above. he assignee or other party in
Authorized Signature	<u> </u>			Date		
					No	
This collection of information an application. Confidentiality	n is required by 37 CFR 1.3	11. The information	n is required	to obtain or retain a benefit by	the public which is to file (an	d by the USPTO to process)

an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 223 13-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/763,533	10/763,533 01/23/2004 Christoph Braun		1406/181	9234	
25297	7590 04/21/2006		EXAM	INER	
JENKINS, WI	LSON, TAYLOR & F	CHANG,	CHANG, JOSEPH		
3100 TOWER B	LVD		ART UNIT	PAPER NUMBER	
SUITE 1200 DURHAM, NC	27707		2817 DATE MAILED: 04/21/2000	6	

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.